

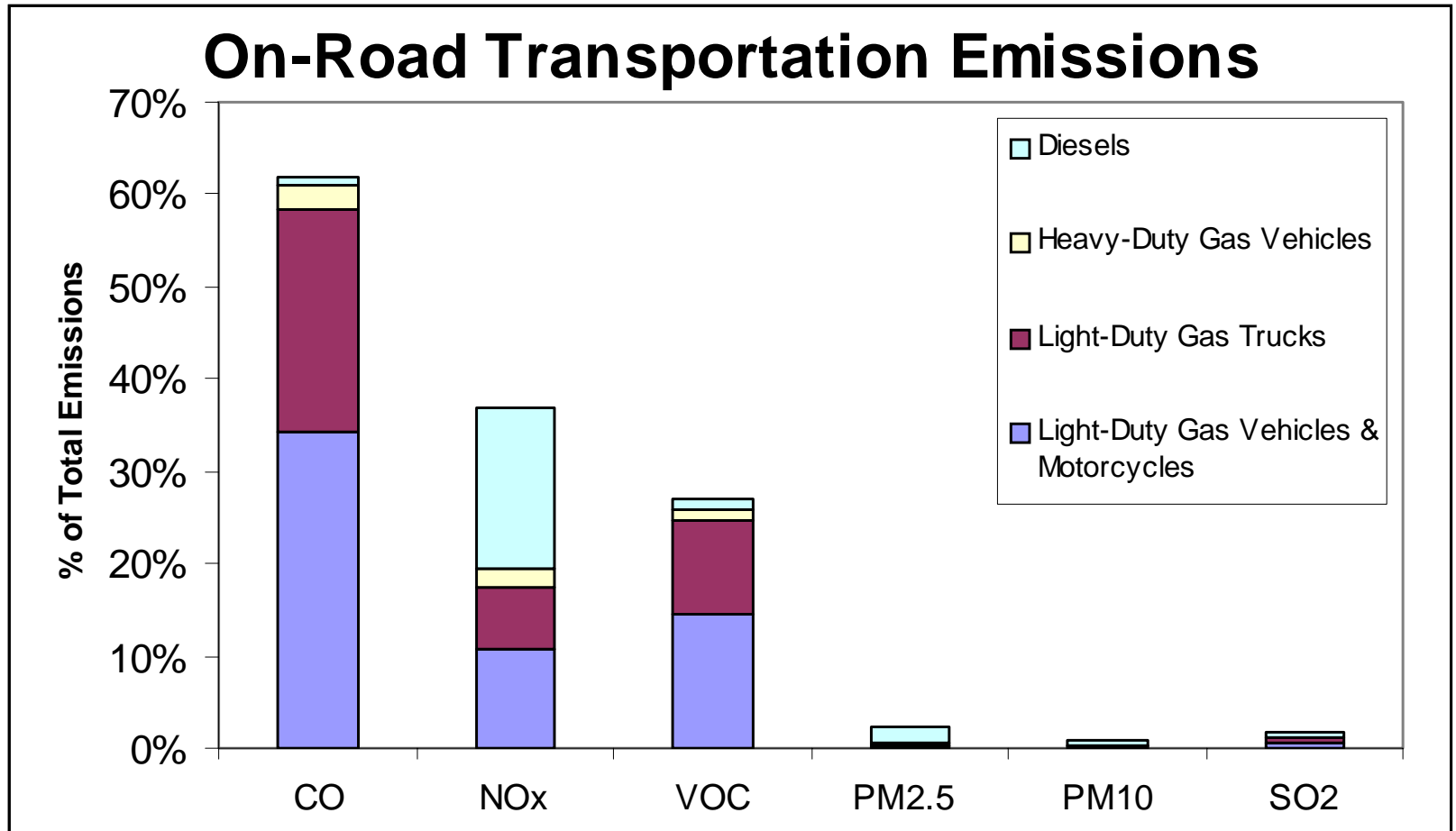


Transportation & Emissions Guidebook: Land Use, Transit & Travel Demand Management

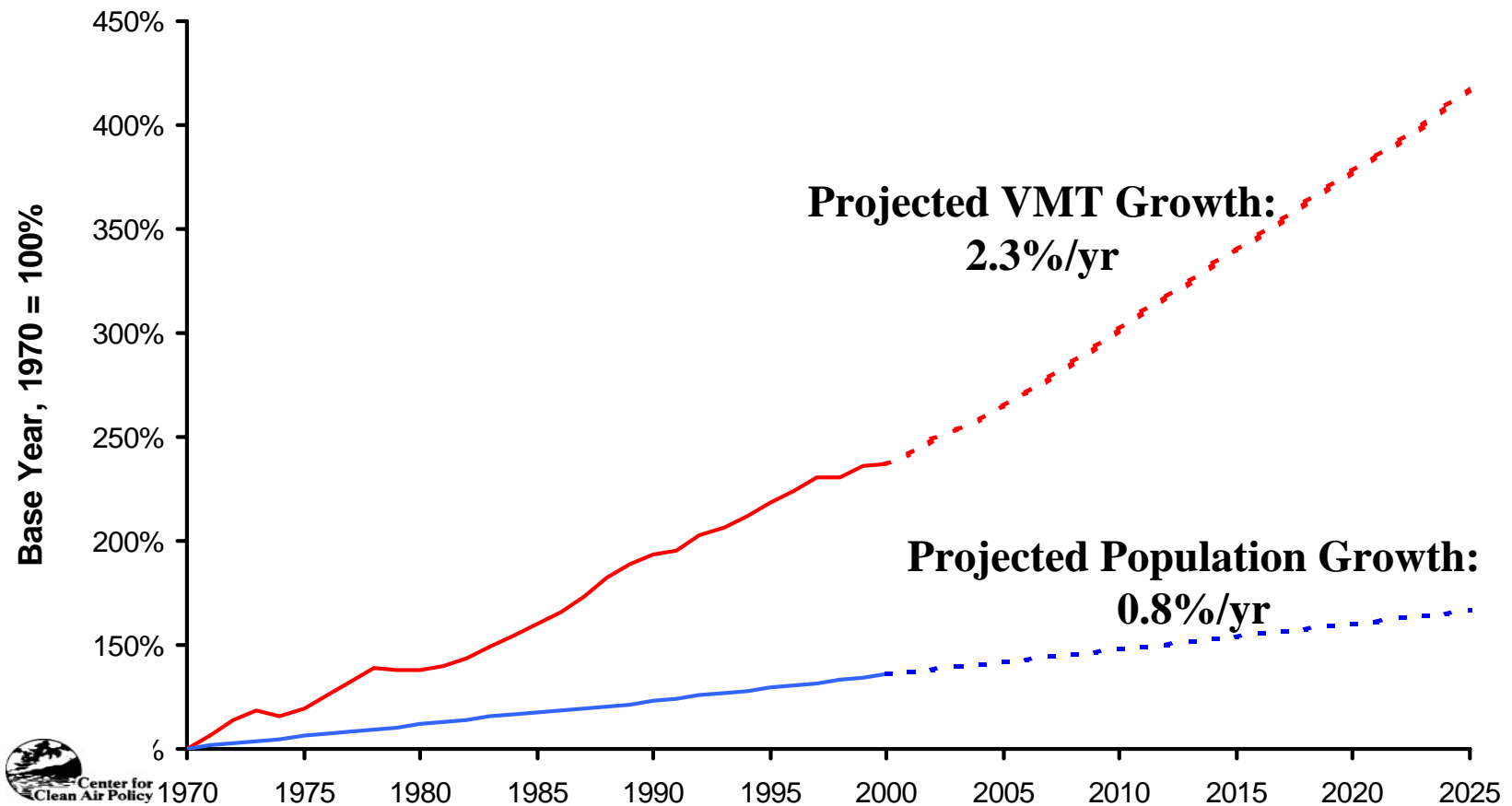
Greg Dierkers, Senior Policy Analyst,
Center for Clean Air Policy, www.ccap.org

Air Innovations Conference
Smart Growth as a Path to Clean Air
August 25, 2005 @ 9am

Transportation Emissions



VMT Growth Continues to Outpace Population Growth



Making the Connection between Urban Form & Travel Demand

- **Ewing et al. (2002):** The degree of sprawl is the strongest influence on VMT per capita
 - greater influence than population or income
- **Frank (2000)** Households in interconnected areas of Seattle generated less than $\frac{1}{2}$ the VMT of HHs in the least connected areas
 - controlling for HH size, income & vehicle ownership
- **Holtzclaw et al. (2002):** Increased accessibility correlates with decreased vehicle use & ownership
 - 6 million households in Chicago, San Fran, and LA

CCAP TRANSPORTATION EMISSIONS GUIDEBOOK



Goal: Aid in evaluating smart growth policies

- Help users quantify savings of:
 - Energy, Air Pollution, Greenhouse Gases, Fuel Costs
- **Audience:**
 - State and local policy makers
 - Land use and transportation planners
 - Transportation and environmental analysts

CCAP TRANSPORTATION EMISSIONS GUIDEBOOK



- Web-based tool that includes links to models, case studies, implementation ideas and technical references
- Available on CCAP's website, for downloading
- Funding
 - US EPA, State and Local Capacity Building Branch
 - US EPA , Office of Transportation and Air Quality
 - Surdna Foundation

Further Information

We would like to hear from you!

Please let us know if you have any input on policies, tools, data, case studies, references via email

guidebook@ccap.org

Thank you!

Get the Guidebook!

- To access the guidebook online:

<http://www.ccap.org/trans.htm>

- Flash-enabled site:

[http://www.ccap.org/guidebook/.](http://www.ccap.org/guidebook/)

